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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/801,672	03/09/2001	Hiroki Sugiyama	1035-310	4119	
23117	7590 01/27/2005		· EXAM	· EXAMINER	
NIXON & VANDERHYE, PC			VU, KIEU D		
1100 N GLEBE ROAD 8TH FLOOR			ART UNIT	PAPER NUMBER	
ARLINGTON	I, VA 22201-4714		2173		
			DATE MAILED: 01/27/2009	5	

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application No.	Applicant(s)				
Office Action Summary		09/801,672	SUGIYAMA ET AL.				
		Examiner	Art Unit				
		Kieu D Vu	2173				
Period fe	The MAILING DATE of this communication apports or Reply	pears on the cover sheet w	th the correspondence ac	idress			
A SH THE - Exte after - If the - If NO - Failu Any	MAILING DATE OF THIS COMMUNICATION. ensions of time may be available under the provisions of 37 CFR 1.7 SIX (6) MONTHS from the mailing date of this communication. e period for reply specified above is less than thirty (30) days, a report of the provision of the period for reply is specified above, the maximum statutory period ure to reply within the set or extended period for reply will, by statute reply received by the Office later than three months after the mailing led patent term adjustment. See 37 CFR 1.704(b).	136(a). In no event, however, may a ray within the statutory minimum of thin will apply and will expire SIX (6) MON e, cause the application to become AB	eply be timely filed by (30) days will be considered time ITHS from the mailing date of this companies BANDONED (35 U.S.C. § 133).				
Status							
1)⊠	Responsive to communication(s) filed on 07 C	October 2004.					
· · · —	This action is FINAL . 2b)⊠ This action is non-final.						
3)	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.						
Disposit	ion of Claims						
5)⊠ 6)⊠ 7)□	Claim(s) 2-7,9-22,24-30 and 32-38 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. Claim(s) 2-7,9-22 and 24-30 is/are allowed. Claim(s) 32-38 is/are rejected. Claim(s) is/are objected to. Claim(s) are subject to restriction and/or election requirement.						
Applicat	ion Papers						
9)[The specification is objected to by the Examine	er.					
10)[10)☐ The drawing(s) filed on is/are: a)☐ accepted or b)☐ objected to by the Examiner.						
	Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).						
11)	Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.						
Priority (under 35 U.S.C. § 119						
12)[a)	Acknowledgment is made of a claim for foreign All b) Some * c) None of: 1. Certified copies of the priority document 2. Certified copies of the priority document 3. Copies of the certified copies of the priority application from the International Burea See the attached detailed Office action for a list	is have been received. is have been received in A rity documents have been u (PCT Rule 17.2(a)).	pplication No received in this National	Stage			
Attach	*(a)						
Attachmen 1) ⊠ Notic	e of References Cited (PTO-892)	4) T Interview 9	summary (PTO-413)				
2) 🔲 Notic 3) 🔲 Infon	the of Draftsperson's Patent Drawing Review (PTO-948) mation Disclosure Statement(s) (PTO-1449 or PTO/SB/08) or No(s)/Mail Date	Paper No(s	s)/Mail Date Iformal Patent Application (PTC)	O-152)			

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DETAILED ACTION

1. This Action is responsive to the RCE filed 10/7/04

2. Claims 2-7, 9-22, 24-30, and 32-38 are pending.

Claim Objections

3. Claims 36-37 are objected since each claim contains a typographical error.

Claim 36 claims "The image information processing device as defined in claim 34", however, claim 34 claims "image information processing method". Therefore, the word "device" in the preamble of claim 36 should be rewritten as "method".

Similar objection rationale is applied to claim 37.

Claim Rejections - 35 USC § 101

4. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

5. Claim 32 is rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter since claim 32 claims "A computer propagated signal embodied in a carrier wave or other digital data transmission medium". As such, the claimed invention is not directed to a machine readable medium or a manufacturer article.

Claim Rejections - 35 USC § 103

- 6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the

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invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

7. Claims 33-34 and 36-37 are rejected under 35 U.S.C. 103(a) as being unpatentable over Brown et al ("Brown", USP 6356908), Carpenter et al ("Carpenter", USP 5754174), and Shisler et al ("Shisler", USP 6801926).

Regarding claims 33-34 and 36, Brown teaches an image information processing steps, comprising a display (fig. 2); an image information storage (col 6, lines 23-27); a display controller for causing the display means to display sets of detailed information (the left area of window in Fig. 14) and identifier images (thumbnails in the right area of window in Fig. 14) (Fig. 14 and col 8, lines 60-64). Brown teaches that the detailed information includes a plurality of items about this information (URL address, page size, language). Brown does not teach the change in the display order of the detail information and the identifier images. However, such feature is known in the art as taught by Carpenter. Carpenter teaches a system for individually configurable panel interfaces which comprises the change in order of the displays of panel interfaces when the corresponding listing in the configuration menu changes (col 2, lines 4-10; Figures 9-10). Carpenter further teaches the rearranging the display order of the sets of detailed information on the display screen of the display means (Figures 9-10). It would have been obvious to one of ordinary skill in the art, having the teaching of Brown and Carpenter before him at the time the invention was made, to modify the image information processing device taught by Brown to include the change in display order taught by Carpenter with the motivation being to present information and images in different display orders. Brown and Carpenter do not teach rearranging information is

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automatically performed in response to a manipulation of a displayed item selection button. However, such feature is known in the art as taught by Shisler. Shisler teaches a data processing system having user interface screens for selecting and sequencing selection sort objects (col 18, lines 40-42). Shisler further teaches rearranging information is automatically performed in response to a manipulation of a displayed item selection button (col 18, lines 40-54). It would have been obvious to one of ordinary skill in the art, having the teaching of Brown, Carpenter, and Shisler before him at the time the invention was made, to apply Shisler's teaching in the system taught by Brown and Carpenter with the motivation being to provide a quick and convenient way in rearranging information.

Regarding claim 37, Shisler further teaches the rearranging information in ascending or descending sort order according to image information size (col 18, lines 40-54).

8. Claims 35 and 38 are rejected under 35 U.S.C. 103(a) as being unpatentable over Brown, Carpenter, and Hodson et al ("Hodson", USP 5710604).

Regarding claim 35, Brown teaches an image information processing device, comprising a display (fig. 2); an image information storage (col 6, lines 23-27); a display controller for causing the display means to display sets of detailed information (the left area of window in Fig. 14) and identifier images (thumbnails in the right area of window in Fig. 14) (Fig. 14 and col 8, lines 60-64). Brown teaches the displaying images in different colors (col 2, lines 60-63). Brown does not teach the change in the display order of the detail information and the identifier images. However, such feature is known

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in the art as taught by Carpenter. Carpenter teaches a system for individually configurable panel interfaces which comprises the change in order of the displays of panel interfaces when the corresponding listing in the configuration menu changes (col 2, lines 4-10; Figures 9-10). It would have been obvious to one of ordinary skill in the art, having the teaching of Brown and Carpenter before him at the time the invention was made, to modify the image information processing device taught by Brown to include the change in display order taught by Carpenter with the motivation being to present information and images in different display orders. Brown does not teach each different color corresponds to a particular image information storage region. However, such feature is known in the art as taught by Hodson. Hodson teaches a video memory device wherein each different color corresponds to a particular image information storage region (line 63 of col 2 to line 8 of col 3). It would have been obvious to one of ordinary skill in the art, having the teaching of Brown, Carpenter, and Hodson before him at the time the invention was made, to modify the image information processing device taught by Brown and Carpenter to include the Hodson's teaching with the motivation being to increase the efficiency and speed of a video memory for displays (Hodson, col 2, lines 47-49).

Regarding claim 38, Hodson teaches each different color corresponds to a particular image information storage region (line 63 of col 2 to line 8 of col 3) which means that the storage region where the image information is originally stored can be identified by the color.

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Allowable Subject Matter

9. Claims 2-7, 9-22, 24-30 are allowed.

Claim 32 contains allowable limitation and would be allowable if rewritten to overcome the 101 rejection set forth above.

See Office Action mailed 04/07/04 for reason for allowance.

10. Applicant's arguments 08/09/04 have been fully considered.

Regarding claim 32, the current language of the claim is not sufficient to overcome the non-statutory rejection.

Applicant's representative is encouraged to call the Examiner to discuss about the claim language.

Other arguments are moot under new ground of rejection.

11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kieu D. Vu.

The examiner can normally be reached on Mon - Thu from 7:00AM to 3:00PM at 571-272-4057.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cabeca, can be reached at 571-272-4048.

The fax phone numbers for the organization where this application or proceeding is assigned are as follows:

703-872-9306

and / or:

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571-273-4057 (use this FAX #, only after approval by Examiner, for "INFORMAL" or "DRAFT" communication. Examiners may request that a formal paper / amendment be faxed directly to them on occasions).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703-305-3900).

Kieu D. Vu

Patent Examiner

Krenbemh